

ABSTRACT

It is intended to provide a novel method for posttranslational modification in cell-free protein synthesis 5 and a novel method for cell-free protein synthesis with the use of such posttranslational modification reaction. A method for synthesizing a protein in a cell-free system using an extract liquid for cell-free protein synthesis, characterized in that translation reaction is carried out in the presence of 10 arthropod-derived microsomal membranes.